

Answers for Algebra 1 Assignment 3

HW #12; pp 118

1. 8
2. 13
3. -10
4. 8
5. -18
6. 4
7. -4
8. 303
9. 132
10. 29
11. 84
12. -23

HW #13; WS 3-1

1. 1
5. 3
7. $3.50 + 2.50r = 16$
5 roses
9. $6.5 + 1.5h = 11$; 3h
11. $24.95 + 5.95s = 50$
4 pair
12. 4.513. -17
15. -36
19. 14
21. 6
23. 168
25. 9
26. -5
27. -21
28. -69
29. 3.1

HW #14; pp 122-123

21. 23,743 books

22. 21 min.

23. 85 min

HW #15; WS 3-2

1. -9.6
3. 2.98
9. 4
13. -5
14. 3
15. 7
16. 23
17. -6
18. 21
19. -8
20. 5
41. -12
42. 2
43. $-7/5$
44. 2
45. 24
46. $2n + 3(400 - n) = 1050$
150 student tickets
250 adult tickets
47. $w + 2w + w + 2w = 30$
10 ft.
48. $\frac{1}{3}t + \frac{2}{5}t = 1100$
\$1500
49. $\frac{5}{7}m = 125$
175 lbs
50. $29.95 + .10m = 99.95$
700 min.

Pg. 131

66. about 15 gal.
68. \$100,000

HW# 16; WS 3-3

1. 7
2. 9
3. -15
4. 3
5. Identity
6. 5
7. No solution
11. 4
12. 8
13. Identity
14. No solution
15. 2
19. 7
20. Identity
21. Identity
22. Identity
23. No solution
24. 3
25. 2
26. 1
27. -2
28. No solution
29. 10
30. Identity
31. $-\frac{15}{2}$
34. $40d = 60 + 20d$; 3 days
35. $4v = 21 + 2.5v$; 14 videos
36. $100 + c = 5c$; 25 candles
37. 1
38. 20
39. 0.5